

What is claimed is:

1. A load restraining strip for use in securing cargo within a transport container having corrugated side wall surfaces with land and alternate valley surface areas, said load restraint strip comprising:

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at least a first strip of reinforcement material forming at least a portion of said load restraining strip; and

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a plurality of transverse adhesive strips connected to an outer portion, of said at least a first strip of reinforcement material, beginning at one end thereof, and said attachment strips extending transversely across said one end of said first strip of reinforcement material and being laterally spaced a distance to correspond to the lateral spacing of land areas of the side wall surface of the transport container such that said load restraining strip may be operably connected to a side wall surface of the transport container by adhering said plurality of transverse adhesive strips to land areas of the side wall surface of the transport container.

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2. A load restraining strip for use in securing cargo within a transport container as defined in claim 1 and further comprising:

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a plurality of release paper strips extending coextensively with and releasably adhered to said plurality of transverse adhesive strips, wherein said release paper strips may be removed from said plurality of transverse

adhesive strips on site and said load restraining strip releasably affixed to the land surfaces of the transport container such that said load restraining strip may be used as a flexible securement element to secure cargo within a transport container.

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3. A load restraining strip for use in securing cargo within a transport container as defined in claim 1 and further comprising:

a second layer of reinforcement material;

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a first adhesive layer coextensively extending along, coating and bonding said first layer of reinforcement material to said second layer of reinforcement material to form a load restraining strip; and

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said plurality of transverse adhesive strips being applied to an outer surface, at one end thereof, of said first and second layers of reinforcement material.

4. A load restraining strip for use in securing cargo within a transport container as defined in claim 3 wherein:

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said first strip of reinforcement material comprises a cross-weave reinforcement material composed of,

**substantially parallel longitudinal strands extending along the
length of said load restraining strip, and**

**crossing strands interwoven with said substantially parallel
longitudinal strands to produce said cross-weave layer of
reinforcement material.**

**5. A load restraining strip for use in securing cargo within a transport
container as defined in claim 3 wherein:**

**said first strip of reinforcement material comprises generally parallel
strands of reinforcement material.**

**6. A load restraining strip for use in securing cargo within a transport
container as defined in claim 3 wherein:**

**said first strip of reinforcement material comprises a monolithic strip of
high strength material.**

**7. A load restraining strip for use in securing cargo within an intermodal
transport container having corrugated side wall surfaces with land and alternate
valley surface areas, said load restraint strip comprising:**

a first layer of reinforcement material having a first side and a second

side and being composed of,

substantially parallel longitudinal strands extending along the
length of said restraining strip, and

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crossing strands interwoven with said substantially parallel
longitudinal strands to produce said cross-weave layer of
reinforcement material;

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a first adhesive layer having a first side and a second side and
coextensively extending along , coating and bonding to a second side of
said cross-weave material;

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a second, parallel strand layer of reinforcement material having a first
side and a second side, wherein said second surface of said first adhesive
layer is bonded to said first surface of said second, parallel strand layer
of reinforcement material;

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a second layer of adhesive comprising a plurality of parallel transversely
extending adhesive strips each having a first side and a second side and
partially extending along and coating a portion of said second side of
said second layer of reinforcement strands and being laterally spaced to
correspond to the land areas of the corrugated side wall of the
intermodal container; and

release paper strips extending coextensively with and releasably adhered to the plurality of transverse adhesive strips of said second layer of adhesive, wherein said release paper strips may be removed from said plurality of transverse adhesive strips on site and said load restraining strip releasably affixed to only the land surfaces of an intermodal transport container such that said load restraining strip may be used as a flexible securement element to secure cargo within a transport container without engaging the valley portions of the side wall surfaces of the intermodal container.

8. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas as defined in claim 7 wherein:

said plurality of transversely extending strips are each approximately seven inches in width.

9. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas as defined in claim 7 wherein:

said plurality of transversely extending adhesive strips comprise three separate strips.

10. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas as defined in claim 7 wherein:

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said plurality of transversely extending adhesive strips comprise four separate strips.

11. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas, said load restraint strip comprising:

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a first monolithic layer of material and having a first side and a second side and being composed of a first monolithic sheet of flexible material;

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a first adhesive layer having a first side and a second side and coextensively extending along, coating and bonding to a second side of said first monolithic layer of material;

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a second monolithic layer of material and having a first side and a second side and being composed of a second monolithic sheet of flexible material, wherein said second surface of said first adhesive layer is bonded to said first surface of said second, monolithic layer of material;

a second layer of adhesive comprising a plurality of parallel transversely extending adhesive strips each having a first side and a second side and partially extending along and coating a portion of said second side of said second layer of monolithic material and being laterally spaced to correspond to the land areas of the corrugated side wall of the intermodal container; and

release paper strips extending coextensively with and releasably adhered to the plurality of transverse adhesive strips of said second layer of adhesive, wherein said release paper strips may be removed from said plurality of transverse adhesive strips on site and said load restraining strip releasably affixed to only the land surfaces of an intermodal transport container such that said load restraining strip may be used as a flexible securement element to secure cargo within a transport container without engaging the valley portions of the side wall surfaces of the intermodal container.

11. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas as defined in claim 10 wherein:

said first and second monolithic layers are each selected from the group of materials consisting of polypropylene, polyethleneterephtalate, polyethleneterephtalate glycol , polyvinyl chloride, vinyl chloride

monomer and polyethylene cross laminate.

12. A load restraining strip for use in securing cargo within an intermodal transport container having corrugated side wall surfaces with land and alternate valley surface areas as defined in claim 10 wherein:

the thickness of said first monolithic layer of material is less than the thickness of said second monolithic layer of material being operable to be adhered to the lands of the side wall surfaces of the intermodal container.

13. A method for securing cargo within a transport container having corrugated side wall surfaces with lands and alternate valleys, said method of securing comprising the steps of:

providing a first and second strip of load restraining material having an adhesive material at one of the ends of each of said strips of load restraining material;

attaching each of said load restraining strips to an opposing side wall of said transport container by applying and adhering the adhesive portion of said first and second strip of load restraining material only to land surfaces of the interior wall of the transport container; and

wrapping the free ends of the first and second strips around a load within the transport container; and

securing the free ends of the first and second strips together to restrain the load within the transport container.

14. A method for securing cargo within a transport container having corrugated side wall surfaces with lands and alternate valleys as defined in claim 13 wherein said step of attaching comprises:

applying a continuous surface of adhesive coating at one end of said first and second load restraining strips only to the land surfaces of said corrugated side wall surfaces and without allowing the adhesive component to contact the valley portions of said side wall surfaces.

15. A method for securing cargo within a transport container having corrugated side wall surfaces with lands and alternate valleys as defined in claim 13 wherein said step of attaching comprises:

applying a transverse strip of adhesive coating applied at one of the ends of said first and second load restraining strips only to the land surfaces of said corrugated side wall surfaces wherein the portion of the load restraining strips between adjacent transverse strips spans a valley of the side wall without touching the valley surface of the transport container.

16. A method for securing cargo within a transport container having corrugated side wall surfaces with lands and alternate valleys as defined in claim 15 wherein said step of attaching comprises:

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applying a transverse strip of adhesive coating of approximately seven inches in width to the land surface of the side wall of said transport container.

10 17. A method for securing cargo within an intermodal container having corrugated side wall surfaces with lands and alternate valleys, said method of securing comprising the steps of:

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providing a first strip of load restraining material having an adhesive material applied at one of the ends of said first strip of load restraining material;

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providing a second strip of load restraining material having an adhesive material applied at one of the ends of said second strip of load restraining material;

attaching one of said first and second strips of load restraining material to an opposing side wall of said intermodal container by applying and adhering the adhesive portion of said first and second strip of load

restraining material only to land surfaces of the interior wall of the intermodal container; and

wrapping the free ends of the first and second strips around a load within the transport container; and

securing the free ends of the first and second strips together to restrain the load within the intermodal container.

- 10 18. A method for securing cargo within an intermodal container having corrugated side wall surfaces with lands and alternate valleys as defined in claim 17 wherein said step of attaching comprises:

15 applying a continuous surface of adhesive coating at one end of said first and second load restraining strips only to the land surfaces of said corrugated side wall surfaces and without allowing the adhesive component to contact the valley portions of said side wall surfaces.

19. A method for securing cargo within an intermodal container having
20 corrugated side wall surfaces with lands and alternate valleys as defined in claim 18 wherein said step of attaching comprises:

applying a continuous surface of adhesive coating at one end of said first and second load restraining strips to at least three successive adjacent

land surfaces of the side wall of the intermodal container.

20. A method for securing cargo within an intermodal container having corrugated side wall surfaces with lands and alternate valleys as defined in claim

5 18 wherein said step of attaching comprises:

applying a continuous surface of adhesive coating at one end of said first and second load restraining strips to at least four successive adjacent land surfaces of the side wall of the intermodal container.

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21. A method for securing cargo within an intermodal container having corrugated side wall surfaces with lands and alternate valleys as defined in claim

17 wherein said step of attaching comprises:

15 applying a transverse strip of adhesive coating positioned at one of the ends of said first and second load restraining strips only to the land surfaces of said side wall surfaces of the intermodal container wherein the portion of the load restraining strips between adjacent transverse strips spans a valley of the side wall without touching the valley surface
20 of the intermodal container.

22. A method for securing cargo within an intermodal container having corrugated side wall surfaces with lands and alternate valleys as defined in claim
21 wherein said step of attaching comprises:

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• **applying a transverse strip of adhesive coating of approximately seven inches in width to the land surfaces of the side wall of said transport container.**

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